



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1430  
 Alexandria, Virginia 22313-1430  
 www.uspto.gov

## \*BIBDATASHEET\*

CONFIRMATION NO. 4827

Bib Data Sheet

SERIAL NUMBER 10/813,240	FILING DATE 03/31/2004  RULE	CLASS 365	GROUP ART UNIT 2824	ATTORNEY DOCKET NO. 500.28006C10
-----------------------------	---------------------------------------	--------------	------------------------	-------------------------------------

## APPLICANTS

Masashi Horiguchi, Kawasaki-shi, JAPAN;

Jun Etoh, Hachioji-shi, JAPAN;

Masakazu Aoki, Tokorozawa-shi, JAPAN; Kiyoo Itoh, Higashikurume-shi, JAPAN;

## \*\* CONTINUING DATA \*\*\*\*\*

This application is a CON of 10/401,975 03/31/2003 PAT 6,754,114  
 which is a CON of 09/992,001 11/26/2001 PAT 6,577,544  
 which is a CON of 09/633,271 08/04/2000 PAT 6,337,817  
 which is a CON of 09/363,000 07/30/1999 PAT 6,104,647  
 which is a CON of 09/144,258 08/31/1998 PAT 5,966,336  
 which is a CON of 08/825,605 03/31/1997 PAT 5,815,448  
 which is a CON of 08/535,574 09/27/1995 PAT 5,617,365  
 which is a CON of 08/155,848 11/23/1993 ABN  
 which is a DIV of 07/818,434 12/27/1991 PAT 5,265,055  
 which is a CON of 07/419,399 10/10/1989 ABN

JA

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

JAPAN 63-252028 10/07/1988  
 JAPAN 63-275375 10/31/1988

JA

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 06/12/2004

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	COUNTRY	DRAWING	CLAIMS	CLAIMS
Verified and Acknowledged Examiner's Signature: <i>[Signature]</i> Initials: <i>JA</i>	JAPAN	34	21	17

## ADDRESS

020457  
 ANTONELLI, TERRY, STOUT & KRAUS, LLP  
 1300 NORTH SEVENTEENTH STREET  
 SUITE 1800  
 ARLINGTON, VA  
 22209-9889

## TITLE

Semiconductor device having redundancy circuit

FILING FEE

RECEIVED  
1992

FEES: Authority has been given in Paper  
 No. \_\_\_\_\_ to charge/credit DEPOSIT ACCOUNT  
 No. \_\_\_\_\_ for following:

<input type="checkbox"/> All Fees
<input type="checkbox"/> 1.16 Fees ( Filing )
<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
<input type="checkbox"/> 1.18 Fees ( Issue )
<input type="checkbox"/> Other _____

	<input type="checkbox"/> Credit
--	---------------------------------